

Docket No. 100110363-1

Amendments to the Claims:

Status of Claims:

Claims 1-49 are pending for examination.

Claims 2, 5, 6, 17, 22, 29, and 43 are amended herein.

Claims 1, 12, 22, and 36 are in independent form.

1. (Previously Presented) A method for automatically processing digital image assets of a digital camera, comprising the steps of:

receiving a set of assets and metadata from a digital camera that have been organized by the digital camera into a camera asset organization structure;

automatically identifying a selected restructuring scheme from a plurality of restructuring schemes to use for processing the camera asset organization structure of the set of assets and metadata; and

processing the set of assets and metadata using the selected restructuring scheme to convert the camera asset organization structure into a selected organization structure.

2. (Currently Amended) The method of claim 1 wherein automatically identifying the selected restructuring scheme comprises comparing the set of assets and metadata with a predetermined set of characterizations of assets and metadata to determine whether a match is present, and

where the camera asset organization structure is a file system and the digital image assets comprise one or more files.

3. (Previously Presented) The method of claim 2 wherein automatically identifying the selected restructuring scheme includes, where no match is found, indicating to the user that no match was found.

4. (Previously Presented) The method of claim 2 wherein automatically identifying the selected restructuring scheme includes, where no match is found, applying a fallback scheme.

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5. (Currently Amended) The method of claim 2[[1]] wherein processing the set of assets and metadata into the selected organization structure comprises applying asset normalization.

6. (Currently Amended) The method of claim 5 wherein applying the asset normalization includes at least one of: making explicit an identity and purpose of files, making explicit relationships between files, extracting data and metadata of files, ~~where necessary converting formats of files,~~ and attaching associated asset handlers to specific asset types.

7. (Previously Presented) The method of claim 5 wherein applying the asset normalization provides a file output that contains references to files and metadata determined to be relevant to a set of inputs.

8. (Original) The method of claim 7 wherein the file output includes files discovered by interrogating a file system to discover additional relevant files based on an asset normalizer's knowledge and heuristics.

9. (Previously Presented) The method of claim 1 wherein processing includes processing the selected organization structure into a user-friendly structure that is one of: an audio-video presentation, still images, still images plus audio clips, video clips, and audio clips.

10. (Previously Presented) The method of claim 9 wherein processing includes processing the selected organization structure to provide for at least one of: viewing and hearing the user-friendly structure in an exogenous device.

11. (Previously Presented) The method of claim 1 wherein automatically identifying a selected restructuring scheme to use for processing a set of assets and metadata includes using a framework having a set of available asset normalizers to identify an available asset normalizer.

12. (Previously Presented) An asset normalizing method for processing a collection of digital image assets of a digital camera where the collection of digital image assets are organized

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according to an asset organization scheme generated by the digital camera, comprising the steps of:

automatically matching the asset organization scheme of the digital camera to a selected asset normalizer of a predetermined set of asset normalizers; and

processing the collection of digital image assets of the digital camera into a selected standard organization structure in accordance with the selected asset normalizer.

13. (Previously Presented) The method of claim 12 wherein automatically matching an asset organization scheme includes comparing the set of digital image assets and metadata with a predetermined set of characterizations of assets and metadata to determine whether a match is present.

14. (Previously Presented) The method of claim 12 wherein automatically matching an asset organization scheme includes, where no match is found, indicating to the user that no match was found.

15. (Previously Presented) The method of claim 12 wherein automatically matching an asset organization scheme includes, where no match is found, applying a fallback asset normalizer.

16. (Previously Presented) The method of claim 12 wherein processing the collection of digital image assets of the digital camera comprises asset normalization that normalizes the asset organization scheme of the digital camera into the selected standard organization structure.

17. (Currently Amended) The method of claim 16 wherein asset normalization includes at least one of: making explicit an identity and purpose of files, making explicit relationships between files, extracting data and metadata of files, ~~where necessary converting formats of files,~~ and attaching associated asset handlers to specific asset types.

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18. (Original) The method of claim 16 wherein asset normalization provides a file output that contains references to files and metadata determined to be relevant to a set of inputs.

19. (Original) The method of claim 18 wherein the file output includes files discovered by interrogating a file system to discover additional relevant files based on an asset normalizer's knowledge and heuristics.

20. (Previously Presented) The method of claim 12 wherein processing includes processing the standard organization structure into a user-friendly structure that is at least one of: an audio-video presentation, still images, still images plus audio clips, video clips, and audio clips.

21. (Previously Presented) The method of claim 12 wherein processing includes providing for at least one of: viewing and hearing assets selected by the selected asset normalizer in an exogenous device.

22. (Currently Amended) A digital camera system for processing a camera-specific file system organization scheme of digital image assets into a non-camera specific file system organization format, comprising:

a comparison component for automatically matching the camera-specific file system organization scheme of the digital camera to a selected asset organization normalizer of a predetermined set of asset organization normalizers; and

an asset-processing component, coupled to the comparison component, for organizing the digital image assets of the digital camera into a non-camera specific file system organization format in accordance with the selected asset normalizer to allow the digital image assets to be processed by a variety of devices.

23. (Previously Presented) The digital camera system of claim 22 wherein the comparison component includes comparing the set of digital image assets and metadata with a predetermined set of characterizations of assets and metadata to determine whether a match is present.

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24. (Original) The digital camera system of claim 22 wherein the comparison component includes information that includes at least one of: a directory pattern, a file name pattern, and an image metadata pattern.

25. (Previously Presented) The digital camera system of claim 22 wherein a directory pattern is assembled by an ordered transversal to a depth of at least one directory beneath a predetermined location and concatenating directory names with or without separator characters or symbols.

26. (Previously Presented) The digital camera system of claim 22 wherein, when the comparison component fails to find a matching asset organization normalizer, the comparison component indicates to the user that no match was found.

27. (Previously Presented) The digital camera system of claim 22 wherein, when the comparison component fails to find a matching asset organization normalizer, the asset-processing component utilizes a fallback asset normalizer.

28. (Original) The digital camera system of claim 22 wherein the asset-processing component implements asset normalization.

29. (Currently Amended) The digital camera system of claim 28 wherein asset normalization includes at least one of: making explicit an identity and purpose of files, making explicit relationships between files, extracting data and metadata of files, ~~where necessary converting formats of files,~~ and attaching associated asset handles to specific asset types.

30. (Original) The digital camera system of claim 28 wherein asset normalization provides a file output that contains references to files and metadata determined to be relevant to a set of inputs.

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31. (Original) The digital camera system of claim 30 wherein the file output includes files discovered by interrogating a file system to discover additional relevant files based on an asset normalizer's knowledge and heuristics.

32. (Previously Presented) The digital camera system of claim 22 where processing includes processing the non-camera specific organization format into a user-friendly structure that is at least one of: an audio-video presentation, still images, still images plus audio clips, video clips, and audio clips.

33. (Previously Presented) The digital camera system of claim 22 wherein processing includes processing the non-camera specific organization format and providing for at least one of: viewing and hearing assets selected by the asset normalizer in an exogenous device.

34. (Previously Presented) The digital camera system of claim 22 wherein the comparison component assigns each comparison a score that represents a quality of a match between the camera-specific organization scheme and each of the predetermined set of asset organization normalizers.

35. (Previously Presented) The digital camera system of claim 34 wherein a highest score is the score that represents the quality of an optimal match.

36. (Previously Presented) A computer-readable medium containing instructions for processing a collection of digital image assets from a digital camera that are organized in a first organization format based on an asset organization scheme into a second organization format by:

automatically matching the asset organization scheme of the digital camera to a selected asset organization normalizer of a predetermined set of asset organization normalizers that is capable of processing the asset organization scheme; and

processing the collection of assets of the digital camera into the second organization format in accordance with the selected asset organization normalizer.

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37. (Previously Presented) The computer-readable medium of claim 36 wherein automatically matching the asset organization scheme of the digital camera to the selected asset organization normalizer of a predetermined set of asset organization normalizers includes comparing the set of assets and metadata with a predetermined set of characterizations of assets and metadata to determine whether a match is present.

38. (Previously Presented) The computer-readable medium of claim 36 wherein automatically matching an asset organization scheme of the digital camera to the selected asset organization normalizer of a predetermined set of asset normalizers includes using information that includes at least one of: a directory pattern, a file name pattern, and an image metadata pattern.

39. (Previously Presented) The computer-readable medium of claim 38 wherein a directory pattern is assembled by an ordered transversal to a depth of at least one directory beneath a predetermined location and concatenating directory names with or without separator characters or symbols.

40. (Previously Presented) The computer-readable medium of claim 36 wherein, when a matching asset organization scheme fails to be found, the step of automatically matching the asset organization scheme includes indicating that no match was found.

41. (Previously Presented) The computer-readable medium of claim 36 wherein when a matching asset organization scheme fails to be found, the step of automatically matching the asset organization scheme includes, where no match is found, applying a fallback asset organization normalizer.

42. (Previously Presented) The computer-readable medium of claim 36 wherein processing the collection of assets includes implementing asset normalization.

43. (Currently Amended) The computer-readable medium of claim 42 wherein asset normalization includes at least one of: making explicit an identity and purpose of files, making

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explicit relationships between files, extracting data and metadata of files, ~~where necessary converting formats of files,~~ and attaching associated asset handlers to specific asset types.

44. (Original) The computer-readable medium of claim 42 wherein asset normalization provides a file output that contains references to files and metadata determined to be relevant to a set of inputs.

45. (Original) The computer-readable medium of claim 44 wherein the file output includes references to files discovered by interrogating a file system to discover additional relevant files based on an asset normalizer's knowledge and heuristics.

46. (Previously Presented) The computer-readable medium of claim 36 wherein processing the collection of assets of the digital camera into the second organization format in accordance with the selected asset organization normalizer includes processing the second organization format into a user-friendly structure that is at least one of: an audio-video presentation, still images, still images plus audio clips, video clips, and audio clips.

47. (Previously Presented) The computer-readable medium of claim 36 wherein processing includes providing instructions for at least one of: viewing and hearing assets selected by the selected asset organization normalizer in an exogenous device.

48. (Previously Presented) The computer-readable medium of claim 36 wherein automatically matching the asset organization scheme of the digital camera to the selected asset organization normalizer of a predetermined set of asset organization normalizers includes assigning each comparison a score that represents a quality of a match.

49. (Original) The computer-readable medium of claim 48 wherein a highest score is a score that represents the quality of a best match.